

Table 2: Shows the indications, ISS, NISS, time to ECMO, number of patients with cardiac arrest for the 6 categories of trauma in the population.

|                         | Total<br>(N = 53) | Burns<br>(N = 5) | Drowning<br>(N = 2) | Head<br>injury<br>(N = 3) | Hypother-<br>mia<br>(N = 1) | Multi-<br>trauma<br>(N = 38) | Penetratin<br>g injury<br>(N = 4) |
|-------------------------|-------------------|------------------|---------------------|---------------------------|-----------------------------|------------------------------|-----------------------------------|
| <b>Indication</b>       |                   |                  |                     |                           |                             |                              |                                   |
| ARDS                    | 15 (28%)          | 5 (100%)         | 2 (100%)            | 1 (33%)                   | 0 (0%)                      | 7 (18%)                      | 0 (0%)                            |
| Circulatory             | 6 (11%)           | 0 (0%)           | 0 (0%)              | 1 (33%)                   | 1 (100%)                    | 4 (10%)                      | 0 (0%)                            |
| Combined                | 22 (42%)          | 0 (0%)           | 0 (0%)              | 1 (33%)                   | 0 (0%)                      | 18 (47%)                     | 3 (75%)                           |
| Pulmonary               | 10 (19%)          | 0 (0%)           | 0 (0%)              | 0 (0%)                    | 0 (0%)                      | 9 (24%)                      | 1 (25%)                           |
| <b>ISS</b>              |                   |                  |                     |                           |                             |                              |                                   |
| min                     | 21                | 25               | 25                  | 25                        | 34                          | 21                           | 34                                |
| median                  | 42                | 25               | 25                  | 75                        | 34                          | 44                           | 50                                |
| max                     | 75                | 51               | 25                  | 75                        | 34                          | 75                           | 54                                |
| mean                    | 44.68             | 30.20            | 25.00               | 58.33                     | 34.00                       | 46.58                        | 47.00                             |
| SD                      | 16.65             | 11.63            | 0.00                | 28.87                     | NA                          | 15.87                        | 8.87                              |
| <b>NISS</b>             |                   |                  |                     |                           |                             |                              |                                   |
| min                     | 21                | 25               | 25                  | 25                        | 34                          | 21                           | 43                                |
| median                  | 50                | 25               | 25                  | 75                        | 34                          | 51                           | 50                                |
| max                     | 75                | 51               | 25                  | 75                        | 34                          | 75                           | 59                                |
| mean                    | 47.53             | 30.20            | 25.00               | 58.33                     | 34.00                       | 50.18                        | 50.50                             |
| SD                      | 17.27             | 11.63            | 0.00                | 28.87                     | NA                          | 16.29                        | 6.56                              |
| <b>Time to<br/>ECMO</b> |                   |                  |                     |                           |                             |                              |                                   |
| > 24 h                  | 26 (49%)          | 4 (80%)          | 2 (100%)            | 1 (33%)                   | 0 (0%)                      | 16 (42%)                     | 3 (75%)                           |

|         |          |         |        |         |          |            |         |
|---------|----------|---------|--------|---------|----------|------------|---------|
| 12-24 h | 9 (17%)  | 1 (20%) | 0 (0%) | 0 (0%)  | 0 (0%)   | 7 (18.42%) | 1 (25%) |
| 0-12 h  | 18 (34%) | 0 (0%)  | 0 (0%) | 2 (67%) | 1 (100%) | 15 (39%)   | 0 (0%)  |

#### Cardiac arrest

|                               |          |        |         |         |        |          |         |
|-------------------------------|----------|--------|---------|---------|--------|----------|---------|
| Cardiac arrest out of hospita | 9 (17%)  | 0 (0%) | 1 (50%) | 2 (67%) | 0 (0%) | 4 (11%)  | 2 (50%) |
| Cardiac arrest in Hospital    | 14 (26%) | 0 (0%) | 0 (0%)  | 2 (67%) | 0 (0%) | 11 (29%) | 1 (25%) |

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**Abbreviations:** ARDS, acute respiratory distress syndrome; ECMO, extracorporeal membrane oxygenation; ISS, injury severity score; NISS, new injury severity score